



NATIONAL CALIBRATION CENTER

E-215/217, Udhna Udhyognagar Sangh, Opp. BOB Bank, Road No.10,
Udhna, Surat-394210, M.:95744 39488, Email: nal.cal.cer@gmail.com

CERTIFICATE OF CALIBRATION

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Name Of customer: MALAVIA ADVANCED LABORATORY Address: 305, Shivalik Western, Above Seasons Banquets, Riverdale Academy Circle, L.P. Savani Road, Adajan-Pal, Surat	Certificate No. : NCC/G1522/28
	Cal. Date : 15/07/2022
	Suggested Due Date : 14/07/2023
	Date Of Receipt : 14/07/2022

NCC Identification No.: G1528	Condition Of Unit Under Calibration: OK
Reference Standard No.: ---	Calibration Procedure: NCC/CPR/T-01
Environment Condition: Temperature: (25 ± 2) °C	Relative Humidity: (50 ± 10) %

Detail of Unit under Calibration (UUC):

Name of Equipment : Digital Thermo Hygrometer	Range : -50 to 70°C, 10 to 99 % RH
Make/Model : HTC / HTC-1	L.C/Resolution : 0.1°C, 1%RH
ID No./ Sr. No.: MAL/DTH/01	

Master Equipment Used:

Equipment Name	NCC System No	Range	Traceability
Temp. Calibrator with Sensor	NCC-35	-200 to 1372°C	Traceable to National Standards through NABL Accredited Lab CC-2128 Vide Certificate No. NCQC-T/250921/01 valid up to 24/09/2022
Digital Thermo Hygrometer	NCC-23	-10 to 50 °C 10 to 99%RH	Traceable to National Standards through NABL Accredited Lab CC-3133 Vide Certificate No. MCS/21000001730 valid up to 19/09/2022

CALIBRATION RESULT

Set Value on UUC in °C	Measured Value on STD in °C	Error in °C
10.0	10.1	-0.1
20.0	20.2	-0.2
30.0	30.2	-0.2
40.0	40.3	-0.3
50.0	50.4	-0.4

Uncertainty of Measurement: ± 0.7°C, the reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor $k = 2$, which corresponds to a coverage probability of approximately 95.45% for a normal distribution.

Set Value on UUC in %RH	Measured Value on STD in %RH	Error in %RH
30	29	1
40	38	2
50	48	2
60	57	3
90	87	3

Uncertainty of Measurement: ± 2%RH, the reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor $k = 2$, which corresponds to a coverage probability of approximately 95.45% for a normal distribution.

x-x-x-x-x- End of certificate -x-x-x-x-x-x

Calibrated By

Checked By

Approved By

- ✓ The calibration results reported in this certificate are valid at the time of & under the stated condition of measurement.
- ✓ The report should not be reproduced except in full, without our prior permission in writing.
- ✓ The certificate relates only to the item calibrated.
- ✓ Any hand written correction (except @) or photocopies in the reports invalidates this certificate
- ✓ Standard(s) are traceable to National/International Standard
- ✓ certificate is issued subject to conditions stated
- ✓ Recommended due date is suggested by the Customer overleaf.
- ✓ Results are the average of the three readings.
- ✓ Items are calibrated in as found condition without adjustment.

